

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A cradle apparatus having a built-in scanning module and used for mounting a portable electronic device therein, the cradle apparatus comprising:

a housing having a connector and a transparent scanning region, the housing being connected connectable to said portable electronic device via said connector, ~~said housing having also a transparent scanning region;~~

a scanning module provided in said transparent scanning region and used for scanning a document to generate an image data; and

a displacement detection module provided at said housing and ~~composed of~~including a first optical detector and a second optical detector; and

a base connected to the housing for automatically feeding paper to be scanned by the scanning module;

whereby wherein said portable electronic device sends a scan control command to said scanning module via said connector, said displacement detection module detecting position and angle variations of said housing, and a scanning result is then stored in said portable electronic device.

2. (Original) The cradle apparatus with a built-in scanning module as claimed in claim 1, wherein an accommodating slot is provided in said housing for mounting said portable electronic device, and said accommodating slot includes said connector therein.

3. (Original) The cradle apparatus with a built-in scanning module as claimed in claim 1, wherein said housing has a charging module.

4. (Original) The cradle apparatus with a built-in scanning module as claimed in claim 3, wherein said charging module is composed of a charger and a rechargeable battery.

5. (Original) The cradle apparatus with a built-in scanning module as claimed in claim 1, wherein said transparent scanning region is arranged on a bottom of said housing.

6. (Original) The cradle apparatus with a built-in scanning module as claimed in claim 5, wherein said displacement detection module and said transparent scanning region are installed on the same side of said housing.

7. (Currently Amended) ~~The cradle apparatus with a built-in scanning module as claimed in claim 1, -A cradle apparatus having a built-in scanning module and used for mounting a portable electronic device therein, the cradle apparatus comprising:~~

a housing having a connector and connected to said portable electronic device via said connector, said housing having also a transparent scanning region;

a scanning module provided in said transparent scanning region and used for scanning a document to generate an image data; and

a displacement detection module provided at said housing and composed of a first optical detector and a second optical detector;

~~further comprising~~ a base, said base being connected with said housing, said base including an input paper tray, a roller and a motor; and

whereby said portable electronic device sends a scan control command to said scanning module via said connector, said displacement detection module detecting position and angle variations of said housing, and a scanning result is then stored in said portable electronic device.

8. (Original) The cradle apparatus with a built-in scanning module as claimed in claim 7, wherein said housing has a fastening groove, said base has a fastening component, and said fastening component is fastened with said fastening groove to connect said housing and said base together.

9. (Original) The cradle apparatus with a built-in scanning module as claimed in claim 7, wherein said housing has a first connector, said base has a second connector, and said first connector is connected with said second connector, whereby said base receives control signals from said scanning module via said second connector and also transmits electric power.

10. (Original) The cradle apparatus with a built-in scanning module as claimed in claim 7, wherein said base has a paper-in sensor to detect a paper-feed status of said input paper tray.

11. (Original) The cradle apparatus with a built-in scanning module as claimed in claim 1, wherein said portable electronic device is a personal digital assistant.

12. (New) The cradle apparatus with a built-in scanning module as claimed in claim 1, wherein said base includes an input paper tray for automatically feeding the paper.

13. (New) The cradle apparatus with a built-in scanning module as claimed in claim 12, wherein said base further includes a roller and a motor.

14. (New) The cradle apparatus with a built-in scanning module as claimed in claim 13, wherein said base further includes a paper-in sensor to detect a paper-feed status of said input paper tray.

15. (New) The cradle apparatus with a built-in scanning module as claimed in claim 12, wherein said base further includes a paper-in sensor to detect a paper-feed status of said input paper tray.